

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	317	(nanocomposite nanoparticle nanopowder nanosize nanofiber quantum adj dot (ultrafine sub\$2micron micron) near5 (powder particle)) and ((coating coated doped) near5 (shell layer) and alternat\$4 near5 layer (core and shell and multilayer) ) and ( doped doping coated coating ) with (conductive and ( semiconduct\$4 semi\$2conduct\$4))	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/21 15:53
L2	4	L1 and (electride alkalide ('Cs' 'K' 'Li' cesium potassium lithium alkaline adj earth rare adj earth lanthanum lanthanide ) with ( crown adj ether azo\$2crown adj ether cryptand (cyclic bicyclic) near2 (polyether polyamine)) (titanium copper) near2 (acetylacetonate \$2diketonate))	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/21 15:55
L3	1062	(electride alkalide ('Cs' 'K' 'Li' cesium potassium lithium alkaline adj earth rare adj earth lanthanum lanthanide ) with ( crown adj ether azo\$2crown adj ether cryptand (cyclic bicyclic) near2 (polyether polyamine)) (titanium copper) near2 (acetylacetonate \$2diketonate)) and (carbon adj black graphite nanotube SWNT MWNT VGCF diamond organometallic metallo\$2organic monomer polymer adj precursor polyaniline latex polyphenylene adj vinylene paraphenylene adj2 vinylene PEDT PEDOT PANI \$5thiophene \$5pyrrole polyacene PPV MH\$2PPV polyamic adj acid polyacetylene phthalocyanine naphthalocyanine (cu ag au copper Fe iron silver gold aluminum ATO AZO oxide) near5 (sol colloidal particle powder flake)) and (colloidal dispersion film coating nano\$2composite nanocomposite) and (particle grain) near2 (size diameter micron sub\$2micron nanometer nm ultrafine nanoparticle ang angstrom colloidal sol )	US-PGPUB; USPAT	OR	ON	2006/11/21 15:56
L4	715	L3 and (doped doping dopant dispersant surface adj acitve adj agent surfactant benzotriazole tolytriazole corrosion complexing adj agent nucleating adj agent)	US-PGPUB; USPAT	OR	ON	2006/11/21 15:58
L5	70	L3 and (coated coating doped) near5 (multiple layer multilayer) and alternat\$4 near5 ( coat coating layer)	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/21 15:59
L6	49	L4 and L5	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/21 15:59
L7	56	(L4 L5) and (252/67,70-71,73-74,301.16,301.17,387,388,390,391,394,395,500,502,503,506,519.3,572.ccls. 165/104.11, 104.15,104.16,104.19,10.ccls. 428/357,403,404.ccls. 524/174, 81.ccls. 427/212,220,217,218,229.ccls. 204/290.04,290.06.ccls. 106/14.05,14.21,14.23.ccls. 136/205,206,243,263,201.ccls. 310/306.ccls. 322/2R.ccls. 257/21,10,202,E33.001.ccls. 438/317.ccls. 977/712,773,774,932.ccls. )	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/21 16:03
L8	2	L7 and (electride alkalide ('Cs' 'K' 'Li' cesium potassium lithium alkaline adj earth rare adj earth lanthanum lanthanide ) with ( crown adj ether azo\$2crown adj ether cryptand (cyclic bicyclic) near2 (polyether polyamine)) (titanium copper) near2 (acetylacetonate \$2diketonate ammonium)) same (particle grain) near5 (size diameter nanoparticle nm micron ultrafine)	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/21 16:05
L9	10	(electride alkalide ) and (composite nanocomposite (micron submicron ultrafine conductive) adj (particle powder additive))	USOCR	OR	ON	2006/11/21 16:05
L10	6	( (Cu Copper) adj2 (ammonia ammonium) adj2 complex) with polymer	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/21 16:06
L11	0	L10 and (('TiO.sub.2" titania titanium adj dioxide titanium) near2 (acetylacetonate \$2diketonate) )	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/21 16:06

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L12	15	(electride alkaliide ('Cs' 'K' 'Li' cesium potassium lithium alkaline adj earth rare adj earth lanthanum lanthanide) with (crown adj ether azo\$2crown adj ether cryptand (cyclic bicyclic) near2 (polyether polyamine))) and (conductive adj medium polymer near2 (conjugated conductive) polyaniline PEDT PEDOT PANI \$5thiophene \$5pyrrole polyacene polyparaphenylene\$2vinylene PPV MH\$2PPV polyamic adj acid polyacetylene phthalocyanine naphthalocyanine titanium near2 (\$2diketonate acetylacetonate))	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 16:07
L13	0	(electride alkaliide).cm. and (composite nanocomposite).cm. and (particle size micron nm nanometer).cm.	US-PGPUB; USPAT	OR	ON	2006/11/21 16:08
L14	19	michael near2 gurin.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/21 16:08